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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| Substitute for form 1449A/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application Number | 09/543,055 |
| | | Filing Date | 4/5/2000 |
| | | First Named Inventor | Gopal Parupudi |
| | | Art Unit | 2153 |
| | | Examiner Name | KLINGER, SCOTT M |
| Sheet 1 of 3 | Attorney Docket Number | MS1-514US | |

| U.S. PATENT DOCUMENTS | | | | | | |
|--------------------------------|-----------------------|--|--|--------------------------------|--|---|
| Examiner Initials ¹ | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|-----------------------------------|--------------------------|---|--------------------------------|--|---|----------------|
| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁵ |
| | | Country Code ³ -Number ⁴ -Kind Code ² (if known) | | | | |
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| Examiner Signature | | Date Considered | 3/15/05 |
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| Application Number | 09/543,055 |
| Filing Date | Apr 05, 2000 |
| First Named Inventor | Parupudi |
| Group Art Unit | 2153 |
| Examiner Name | KLINGER, Scott M |
| Attorney Docket Number | MS1-514US |

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Signature**

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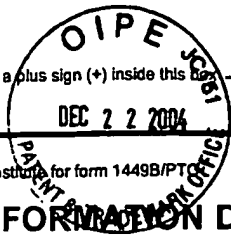
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| Substitution for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Complete If Known | |
| | | Application Number | 09/543,055 |
| | | Filing Date | Apr 05, 2000 |
| | | First Named Inventor | Parupudi |
| | | Group Art Unit | 2153 |
| | | Examiner Name | KLINGER, Scott M |
| | | Attorney Docket Number | MS1-514US |
| Sheet | 3 | of | 3 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| SW | | DIX et al., "Exploiting Space and Location as a design framework for Interactive Mobile Systems" Vol. 7, No. 3, SEP 2000 ACM, pp. 285-321. | |
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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Complete if Known Application Number 09/543,055 Filing Date Apr 05, 2000 First Named Inventor Parupudi Group Art Unit 2126 Examiner Name OPIE, GEORGE L Attorney Docket Number MS1-514US | |
| Sheet | 1 | of | 1 | | |

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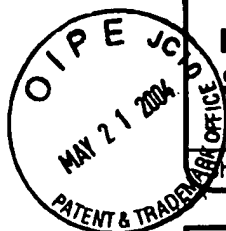
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 09/543,055 |
| | | Filing Date | Apr 05, 2000 |
| | | First Named Inventor | Parupudi |
| | | Group Art Unit | 2126 |
| | | Examiner Name | OPIE, GEORGE L |
| | | Attorney Docket Number | MS1-514US |
| Sheet | 2 | of | 2 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| SM | | SCHILIT, Bill N. and THEIMER, Marvin M., "Disseminating Active Map Information to Mobile Hosts," IEEE Network, IEEE Inc. New York, US, Vol. 8, No. 5, 9/1/1994, pp. 22-32, XP000611167 ISSN: 0890-8044. | |
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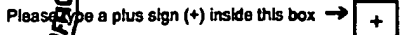
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| Examiner Signature SM | Date Considered 3/15/05 |
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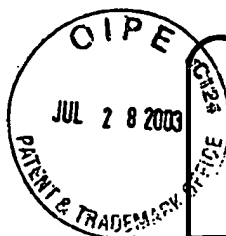
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| | | | | First Named Inventor | Parupudi |
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| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| SM | | CHALMERS, DAN, SLOMAN, MORRIS; QoS and Context Awareness for Mobile Computing; pages 380-382; Handheld and Ubiquitous Computing; First International Symposium, HUC 1999; September 27-29, 1999; Karlsruhe, Germany | |
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| v | | HANSSON, HANS A. et al., "BASEMENT a Distributed Real-Time Architecture for Vehicle Applications," Proceedings of the Real-Time Technology and Applications Symposium (RTAS '95), 1995 IEEE, pp. 220-229. | |
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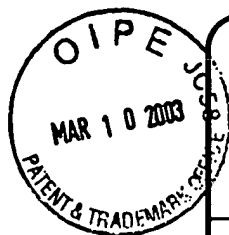
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| Examiner Initials ¹ | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| | | Filing Date | Apr 05, 2000 |
| | | First Named Inventor | Parupudi et al. |
| | | Group Art Unit | 2771 |
| | | Examiner Name | |
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